

10/519190

DT05 Rec'd PCT/PTO 22 DEC 2004

We claim

1. A molding encompassing a composite layered sheet or composite
5 layered film and a backing layer made from plastic
injection-molded, foamed, or cast onto the back of the
material, where the composite layered sheet or composite
layered film encompasses
- 10 (1) a substrate layer comprising, based on the total of the
amounts of components A and B, and, where appropriate, C
and/or D, which give 100% by weight in total,
a from 1 to 99% by weight of an elastomeric graft copolymer
as component A,
15 b from 1 to 99% by weight of one or more hard copolymers
containing units which derive from vinylaromatic
monomers, as component B,
c from 0 to 80% by weight of polycarbonates, as component
C, and
20 d from 0 to 50% by weight of fibrous or particulate
fillers, or a mixture of these, as component D,
- wherein component B contains, based on the total weight of
units deriving from vinylaromatic monomers, from 40 to 100%
25 by weight of units deriving from α -methylstyrene and from 0
to 60% by weight of units deriving from styrene,
- (2) if appropriate, an intermediate layer, and
- 30 (3) an outer layer comprising one or more hard copolymers,
obtainable via polymerization of vinylaromatic monomers
and acrylonitrile, where the vinylaromatic monomers used
comprise from 80 to 100% by weight of α -methylstyrene and
from 0 to 20% by weight of styrene.
- 35 2. A molding as claimed in claim 1, wherein component A
encompasses
- a1 from 1 to 99% by weight of a particulate graft base as
40 component A1, obtainable by polymerizing, based on A1,
a11 from 80 to 99.99% by weight of at least one C₁-C₈-alkyl
acrylate, as component A11,
a12 from 0.01 to 20% by weight of at least one polyfunctional
crosslinking monomer, as component A12,
45 a2 from 1 to 99% by weight of a graft A2 obtainable by
polymerizing, based on A2,

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a21 from 40 to 100% by weight of styrene, of a substituted styrene, or of a (meth)acrylate, or of a mixture of these, as component A21, and

a22 up to 60% by weight of acrylonitrile or methacrylonitrile, as component A22,

where the graft A2 is composed of at least one graft shell, and the graft copolymer has a median particle size of from 50 to 1000 nm,

and component B encompasses copolymers of

b1 from 40 to 100% by weight of vinylaromatic monomers, as component B1,

b2 up to 60% by weight of acrylonitrile or methacrylonitrile, as component B2.

3. A molding as claimed in claim 1, wherein component A encompasses

a1' from 10 to 90% by weight of at least one elastomeric graft base with a glass transition temperature below 0°C, as component A1', obtainable by polymerizing, based on A1',

a11' from 60 to 100% by weight of at least one conjugated diene, as component A11',

a12' from 0 to 30% by weight of at least one monoethylenically unsaturated monomer, as component A12', and

a13' from 0 to 10% by weight of at least one crosslinking monomer having unconjugated double bonds, as component A13',

a2' from 10 to 60% by weight of a graft, as component A2', made from, based on A2',

a21' from 50 to 100% by weight of at least one vinylaromatic monomer, as component A21'

a22' from 5 to 35% by weight of acrylonitrile and/or methacrylonitrile, as component A22',

a23' from 0 to 50% by weight of at least one other monoethylenically unsaturated monomer, as component A23',

and component B encompasses copolymers of

b1' from 50 to 100% by weight of vinylaromatic monomers, as component B1',

b2' from 0 to 50% by weight of acrylonitrile or methacrylonitrile or a mixture of these, as component B2',

b3' from 0 to 50% by weight of at least one other monoethylenically unsaturated monomer, as component B3'.

4. A molding as claimed in claims 1 to 3, wherein the composite
5 layered sheet or composite layered film encompasses
 - (1) a substrate layer,
 - (3) an outer layer, and
 - (2) an intermediate layer located between substrate layer and
10 outer layer and differing from these, comprising
impact-modified polymethyl methacrylate, polycarbonate,
or styrene (co)polymers.
- 15 5. A molding as claimed in any of claims 1 to 4, wherein the
composite layered sheet or composite layered film has a
thickness of from 100 μ m to 10 mm.
- 20 6. A molding as claimed in any of claims 1 to 5, wherein the
material forming the substrate layer (1) of the composite
layered sheet or of the composite layered film has a Vicat
softening point (Vicat B measured to DIN 53 460 with a
temperature rise of 50 K/h) of at least 105°C, and the
composite layered sheet or composite layered film has a
25 modulus of elasticity E_t (measured to ISO 527-2/1B at
5 mm/min and 90°C) of at least 1300 MPa, a modulus of
elasticity E_t (measured to ISO 527-2/1B at 5 mm/min and
100°C) of at least 900 MPa, a Shore C hardness (measured to
DIN 53505 at 90°C) of at least 70, and a Shore C hardness
(measured to DIN 53505 at 100°C) of at least 60.
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7. A process for producing moldings as claimed in any of
claims 1 to 6, which comprises producing the composite
layered sheets or composite layered films by adapter
extrusion or coextrusion, or mutually superposed lamination
35 of the layers (1) and, where appropriate, (2) and/or (3),
and, where appropriate, then thermoforming and finally
injection-molding, foaming or casting plastic onto the back
of the sheets or films.
- 40 8. The use of moldings as claimed in any of claims 1 to 6 as
bodywork components for motor vehicles.
9. A roof, a door, an engine cover, a trunk lid, a spoiler, a
wind deflector, a lateral airfoil, or a bumper for motor
45 vehicles, comprising a molding as claimed in any of claims 1
to 6.